

NOV. 5. 2004 5:31PM

PABST PATENT GROUP

NO. 2096 P. 1

PABST PATENT GROUP



RECEIVED
CENTRAL FAX CENTER

NOV 05 2004

Pabst Patent Group LLP
400 Colony Square, Suite
1200
1201 Peachtree Street
Atlanta, GA 30361
Telephone (404) 879-2150
Telefax (404) 879-2160
information@pabstpatent.com
www.pabstpatent.com

TELEFAX

Date: November 5, 2004

Total pages: 10 with fax
cover

To: USPTO

Telephone:

Telefax: 703-872-9306

From: Tiffany Salmon

Telephone: 404-879-2153

Telefax: 404-879-2160

Our Docket No. VAC 102 CON (2)
Your Docket No.

Client/Matter No. 095150/7

Please call (404) 879-2150 if you did not receive all of the pages, or if they are illegible.

CONFIDENTIALITY NOTICE: This facsimile, along with any documents, files, or attachments, may contain information that is confidential, privileged, or otherwise exempt from disclosure. If you are not the intended recipient or a person responsible for delivering it to the intended recipient, you are hereby notified that any disclosure, copying, printing, distribution or use of any information contained in or attached to this facsimile is strictly prohibited. If you have received this facsimile in error, please immediately notify us by facsimile or by telephone collect at the numbers stated above, and destroy the original facsimile and its attachments without reading, printing, or saving in any manner. Your cooperation is appreciated. Thank you.

MESSAGE:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Charles A. Vacanti, Joseph P. Vacanti, and Martin P. Vacanti

Serial No: 10/713,472

Art Unit: 1615

Filed: November 14, 2003

For: *GUIDED DEVELOPMENT AND SUPPORT OF HYDROGEL-CELL
COMPOSITIONS*

BEST AVAILABLE COPY

{45051998.1}

NOV. 5. 2004 5:31PM

PABST PATENT GROUP

RECEIVED
CENTRAL FAX CENTER

NO. 2096 P. 2

NUV 05 2004

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL
FORM

(To be used for all correspondence after initial filing)

Total Number of Pages in This Submission

	Application Number	10/713,472
	Filing Date	November 14, 2003
	First Named Inventor	Charles A. Vacanti
	Art Unit	1615
	Examiner Name	
9	Attorney Docket Number	VAC 102 CON (2)

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> under 37 CFR 1.52 or 1.53		
	Remarks	

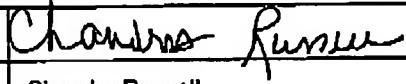
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Pabst Patent Group LLP		
Signature			
Printed name	Tiffany B. Salmon		
Date	November 5, 2004	Reg. No.	55,589

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature



Typed or printed name

Chandra Russell

Date November 5, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

VAC 102 CON (2) 095150/7

PTO/SB/82 (09-04)

Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10713,472
Filing Date	November 14, 2003
First Named Inventor	Charles A. Vacanti
Art Unit	1615
Examiner Name	
Attorney Docket Number	VAC 102 CON (2)

I hereby revoke all previous powers of attorney given in the above-identified application.

A Power of Attorney is submitted herewith.

OR

I hereby appoint the practitioners associated with the Customer Number:

23579

Please change the correspondence address for the above-identified application to:

The address associated with
Customer Number:

23579

OR

Firm or
Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:

Applicant/Inventor.

Assignee of record of a joint interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature

Name

CHARLES A. VACANTI, M.D.

Date

11/11/04

Telephone

617-732-8211

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Charles A. Vacanti, Joseph P. Vacanti, and Martin P. VacantiApplication No./Patent No.: 10/713,472 Filed/Issue Date: November 14, 2003Entitled: Guided Development and Support of Hydrogel-Cell CompositionsCharles A. Vacanti, Martin P. Vacanti, and Joseph P. Vacanti
(Name of Assignee)the individuals
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

state that they are:

1. the assignee of a joint, undivided interest; or2. an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____ Frame _____, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Charles A. Vacanti and Martin P. Vacanti To: The University of Massachusetts
The document was recorded in the United States Patent and Trademark Office at
Reel 009776, Frame 0864, or for which a copy thereof is attached.
2. From: The University of Massachusetts To: Charles A. Vacanti, Martin P. Vacanti, and Joseph P. Vacanti
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[✓] Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

11-1-04

Date

617-732-8211

Telephone number

CHARLES A. VACANTI, MD

Typed or printed name

Charles A. Vacanti

Signature

PROFESSOR AND CHAIR

Title

ASSIGNMENT

The University of Massachusetts, a public institution of higher education of the Commonwealth of Massachusetts as represented by its Worcester Campus at 55 Lake Avenue North, Worcester, Massachusetts 01655 (hereinafter "the Assignor"), in consideration of ten dollars and other valuable consideration paid to it pursuant to the Assignment Agreement with the University of Massachusetts dated August 1, 2004, incorporated herein, by Charles A. Vacanti of 355 Pond Street, Uxbridge, Massachusetts 01569; Martin P. Vacanti of 8 Jennings Road, Westborough, Massachusetts 01581; and Joseph P. Vacanti of 14 Woodside Road, Winchester, Massachusetts 01890 (hereinafter "the Assignees"), the receipt of which is hereby acknowledged, does hereby sell, assign and transfer unto the Assignees, their successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in those certain inventions described in Appendix A, of which the Assignees are inventors or co-inventors (hereinafter "the Inventions"), and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on the Inventions, or any parts thereof, or on any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And the Assignor agrees, for itself and its executors and administrators, with the Assignees and their successors and assigns, but at their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to the Assignees, with specifications and claims in such form as shall be approved by the counsel of the Assignees, and to vest and confirm in the Assignees, their successors and assigns, the legal title to all such patents.

ASSIGNMENT OF RIGHTS from
The University of Massachusetts to
Charles A. Vacanti, Martin P. Vacanti, and Joseph Vacanti

And the Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon the Inventions or applications based thereon to the Assignees, their successors and assigns.

WITNESS my hand and seal this 3rd day of August, 2004.

UNIVERSITY OF MASSACHUSETTS

By: Chester A. Bisbee

Typed name: Chester A. Bisbee

Title: Acting Executive Director, OTM

Commonwealth of Massachusetts)

County of Worcester)

Then personally appeared the above named Chester Bisbee,
attested that he/she is an authorized signatory of The University of Massachusetts, and
acknowledged the foregoing instrument to be his/her free act and deed, before me this
3rd day of August, 2004.


Heather Anne Steinman

Notary Public

My Commission expires: April 28, 2011

Heather Anne Steinman
Notary Public
Commonwealth of Massachusetts
My Commission Expires
April 28, 2011

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER: _____**

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.